

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,716,492 B1  
APPLICATION NO. : 09/653215  
DATED : May 11, 2010  
INVENTOR(S) : Thomas E. Saulpaugh et al.

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On page 3, in column 2, under "Other Publications", line 19, delete "fo" and insert -- for --, therefor.

On page 4, in column 1, under "Other Publications", line 6, delete "Distriubted" and insert  
-- Distributed --, therefor.

On page 4, in column 1, under "Other Publications", line 6, delete "Effor," and insert -- Effort," --,  
therefor.

On page 4, in column 1, under "Other Publications", line 52, delete "theJaca <sup>TM</sup> System," and  
insert -- the Java<sup>TM</sup> System," --, therefor.

On page 4, in column 2, under "Other Publications", line 69, delete "JacaSpaces" and insert  
-- JavaSpaces --, therefor.

On page 5, in column 1, under "Other Publications", line 20, delete "Forrmat" and insert -- Format --,  
therefor.

On page 5, in column 2, under "Other Publications", line 20, delete "Practive," and insert  
-- Practice," --, therefor.

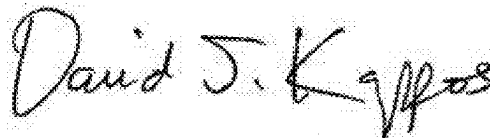
In column 5, line 39, delete "analyzed. i" and insert -- analyzed. Deserializing --, therefor.

In column 10, line 15-19, delete "FIG. 31 illustrates one embodiment of a client with an associated  
display and

FIG. 30 is an illustration of a proxy mechanism according to one embodiment; display service  
according to one embodiment;" and

insert -- Figure 30 is an illustration of a proxy mechanism according to one embodiment;  
Figure 31 illustrates one embodiment of a client with an associated display and display service  
according to one embodiment; --, therefor.

Signed and Sealed this  
Twenty-sixth Day of July, 2011



David J. Kappos  
*Director of the United States Patent and Trademark Office*

**CERTIFICATE OF CORRECTION (continued)**

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In column 29, line 37, after “monitoring” insert -- . --.

In column 92, line 62, after “basis” insert -- . --.

In column 95, line 11, in claim 14, delete “less that” and insert -- less than --, therefor.